## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	10851736	(luminous or light or active) nea2 (layer or film)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/08 10:34
L2	318378	1 near10 (depression or groove or roughness or trenches or trench)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/08 10:34
L3	676701	(photonic adj cyrstal) or pc	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/08 10:35
L4	3577	photonic adj band	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/08 10:35
L5	679825	3 or 4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/08 10:35
L6	14297	2 and 5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/08 10:35
L7	20493	quantum adj efficiency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/08 10:36

L8	233	6 and 7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/08 10:36
L9	2388	(257/79).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/08 10:44
L10	829	(257/184).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/08 10:44
S1	3	(("6410348") or ("5162878") or ("6495862")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/21 12:55
S2	7	("5633527"   "5905275"   "5925898"   "5977566"   "5981975"   "5990500"   "6194743").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 13:03
೫	40	("6495862").URPN.	USPAT	OR	ON	2008/10/21 13:04
S4	5	("4225380"   "5135877"   "5349210"   "5601731"   "5779924").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 14:14
S5	20	("6410348").URPN.	USPAT	OR	ON	2008/10/21 14:15
S6	8	("3739217"   "4225380"   "5135877"   "5349210"   "5601731"   "5779924"   "6410348").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 14:21
S7	17	("6661028").URPN.	USPAT	OR	ON	2008/10/21 14:21
S8	10177999	(luminous or light or active) nea2 (layer or film)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/21 14:22
S9	552508	S8 same (depression or groove or roughness or trenches or trench)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/21 14:23
S10	291962	S8 near10 (depression or groove or roughness or trenches or trench)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/21 14:24

S11	604977	(photonic adj cyrstal) or pc	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/21 14:25
S12	3115	photonic adj band	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/21 14:25
S13	607696	S11 or S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/21 14:26
S14	17034	S9 same (polyimide or epoxy or silicone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/21 14:26
S15	3189	(polyimide or epoxy or silicone) near3 (depression or groove or roughness or trenches or trench)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/21 14:32
S16	1367	S8 same S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/21 14:32
S17	123	S16 and led	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/21 14:33
S18	163	S16 and (light adj emitting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/21 14:34
S19	77	S18 and efficiency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/21 14:34

\$20	30	("20010015443"   "20010017874"   "20010042866"   "20030062530"   "20030189215"   "20040021407"   "20040056254"   "20040077114"   "20050282373"   "20060121702"   "5376580"   "5502316"   "5599403"   "5684309"   "5739554"   "5851905"   "5909081"   "5959316"   "6066861"   "6120600"   "6281032"   "6319425"   "6328796"   "6409938"   "6455340"   "6495862"   "6661030"   "6669866"   "6692136"   "6756731"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 14:42
S21	249126	(light or active) adj2 (layer or film)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/21 14:46
S22	293	S21 near5 (depression)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/21 14:46
\$23	30	S22 same3 (polyimide or epoxy or silicone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/21 14:46
S24	32	S22 same4 (polyimide or epoxy or silicone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/21 14:47
S25	1	("2006/0151793").URPN.	USPAT	OR	ON	2008/10/21 14:47
S26	150	S22 and efficiency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/21 14:50

S27	134	S26 not (S24 or S19)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/21 14:50
S28	1	("6410348").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/21 15:20
S29	0	glass and S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/21 15:20
S30	3	(("6410348") or ("5162878") or ("6495862")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/24 14:00
S31	6791	transmission adj2 material	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/24 14:14
S32	168	S31 near3 glass	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/24 14:14
S33	382899	(luminous or light or active) near2 (layer or film)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/24 14:17
S34	20764	S33 same (depression or groove or roughness or trenches or trench)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/24 14:17
\$35	2133	S34 same3 efficiency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/24 14:17
S36	1327	transmission near4 (polyimide or epoxy or silicone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 16:28

S37	0	S36 near10 (yellow adj2 phosphor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 16:29
S38	0	S36 same (yellow adj2 phosphor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 16:29
S39	9	S36 same phosphor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 16:29
S40	0	S39 same white	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 16:30
S41	0	S36 same ("Sr" near3 "Ba")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 16:31
S42	0	S36 near10 (white adj2 light)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 16:32
S43	2	S36 same (white adj2 light)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 16:32
S44	1139654	(polyimide or epoxy or silicone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 16:33
S45	5124	S44 same phosphor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 16:33

S46	1403	S44 near5 phosphor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 16:33
S48	295	S46 same (white adj2 light)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 16:34
S49	82	S46 near15 (white adj2 light)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 16:34
S50	1	S49 same ("Sr" near3 "Ba")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 16:34
S51	116	transmission near2 (GaN or SiC or AIN)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 17:17
S52	33	(transmission near2 (layer or film or substrate)) near2 (GaN or SiC or AIN)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 17:18

## **EAST Search History (Interference)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L11	10	(257/184).CCLS.	UPAD	OR	OFF	2009/10/08 10:44

## 10/8/2009 10:44:33 AM

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